### **Atlantic Richfield Company**

Anthony R. Brown
Project Manager, Mining

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Fax: (714) 228-6749 E-mail: Anthony.Brown@bp.com

September 26, 2016

Lynda Deschambault Remedial Project Manager, Superfund Division U.S. Environmental Protection Agency, Region 9 75 Hawthorne Street, 10<sup>th</sup> Floor (SFD 7-1) San Francisco, California 94105

Subject: August 2016 Report of Cultural Resource Monitoring within the Expanded

**Area of Potential Effects** 

Leviathan Mine Site Alpine County, California

Dear Ms. Deschambault:

This letter summarizes the cultural resource monitoring activities conducted by Atlantic Richfield Company in August 2016 within the expanded Area of Potential Effects (APE) for the Leviathan Mine Site in Alpine County, California. Cultural resource monitoring associated with 2016 Remedial Investigation/Feasibility Study (RI/FS) ground-disturbing field activities within the expanded APE are being performed in accordance with the Section 106 protocols (protocols) presented in the U.S. Environmental Protection Agency's (U.S. EPA) letter dated April 19, 2016. The protocols state that U.S. EPA "shall provide a monthly letter summary report to the consulting parties." In addition, "the monthly report will be provided to the parties within 30 days after the end of the reporting month, and will include a letter summarizing the month's activities and cultural resources found, and the actions taken to avoid any such resources." We understand that U.S. EPA will use the information provided in this letter to prepare the monthly letter summary report to the consulting parties.

The RI/FS is being conducted in accordance with the requirements of the Statement of Work attached to the *Administrative Order for Remedial Investigation and Feasibility Study, Comprehensive Environmental Response, Compensation, and Liability Act Docket No. 2008-18* issued by the U.S. EPA on June 23, 2008.

Provided below is a summary of RI/FS ground disturbing activities conducted within the expanded APE with a Washoe Tribal Monitor from August 1 through August 31, 2016.

□ Two historic roads associated with mine expansion and exploration were observed at LOC – 37 and LOC – 41 in July of 2016. The road at LOC-41 was documented in late July and the road at LOC-37 was documented during the month of August. Site records are included in this August 2016 monthly report.



U.S. Environmental Protection Agency, Region 9 September 26, 2016 Page 2 ☐ In July, several cultural resources were observed outside of the 30 meter buffer for drilling locations LOC-37, LOC-39, and LOC-40. The cultural resources were avoided during drilling activities, and they were documented in August. Ground disturbance activities including minor grading and plant grubbing associated with preparing the drill pad at LOC - 37 were monitored. No additional cultural resources were observed. Ground disturbance activities including minor grading and plant grubbing associated with preparing the drill pad at LOC – 41 were monitored. No additional cultural resources were observed. Drilling activity at LOC-39 was monitored for cultural resources from ground surface to 10 ft. blow ground surface. No cultural resources were observed. Habitat-related plant and soil sampling was conducted in the Downstream Study Area located on Bryant Creek and in the Reference Study Area on Mountaineer and Cottonwood Creeks. No cultural resources were observed during the sampling task; however, one prehistoric resource was identified in an area adjacent to sampling activities on Cottonwood Creek. Amec Foster Wheeler will return to document this site as the field schedule permits, and a completed site record with be submitted in a future monthly report. ☐ Floodplain sampling was conducted in the Reference Study Area, Downstream Study Area, and River Ranch. No cultural resources were observed. Attached site records (on the relevant SHPO forms) and maps showing the locations of sampling activities and any cultural resources documented in August within the expanded APE. The following site records have not been submitted for SHPO review and, thus, have temporary site number assignments. The final site records with California state and U.S. Forest Service assigned numbers will be incorporated into the Humboldt-Toiyabe National Forest Cultural Resource Narrative Report for the Cultural Resource Narrative Report for the Leviathan Mine Cultural Resources Inventory, Forest Service Report R2013041702306 via Addendum No. 4 to be prepared after the 2016 field season. Addendum No. 4 will include the following: Temporary site no. **JDH 1601** is a historic mine-related road segment that terminates at a well head. This site was identified and recorded with a Washoe tribal monitor as a result of a Class III survey of drilling LOC-41 conducted in July, 2016. Temporary site no. JDH\_1603 is a historic mine exploration road with associated features and artifacts. This site was identified and recorded with a Washoe tribal monitor as a result of a Class III survey of drilling LOC-37 conducted in July, 2016.

Lynda Deschambault



Temporary site no. **JDH\_1604** is a multicomponent site that consists of both a historic debris scatter and prehistoric lithic scatter. This site was identified and recorded with a

Lynda Deschambault U.S. Environmental Protection Agency, Region 9 September 26, 2016 Page 3

Washoe tribal monitor as a result of a Class III survey of drilling LOC-37 conducted in July, 2016.

- □ Temporary site no. **JDH\_1605** is a multicomponent site that consists of both a historic debris scatter and prehistoric lithic scatter. This site was identified and recorded with a Washoe tribal monitor as a result of a Class III survey of drilling LOC-39 conducted in July, 2016.
- P-02-000981/CA-ALP-727H (Update) was recorded by Amec in 2013 and included in the Humboldt-Toiyabe National Forest Cultural Resource Narrative Report for the Cultural Resource Narrative Report for the Leviathan Mine Cultural Resources Inventory, Forest Service Report R2013041702306. This site was reevaluated and documented in August 2016 following the expansion of the project APE for remedial investigations for 2016. P-02-000981/CA-ALP-727H was originally described as a ranching complex and a mining complex. Several additional historic features and artifacts were documented, as well as the addition of a prehistoric component. This site was reevaluated and documented with a Washoe tribal monitor as a result of a Class III survey of drilling LOC-40 conducted in July 2016.

If you have any questions or comments, please feel free to contact me at (714) 228-6770 or anthony.brown@bp.com.

Sincerely,

Anthony R. Brown

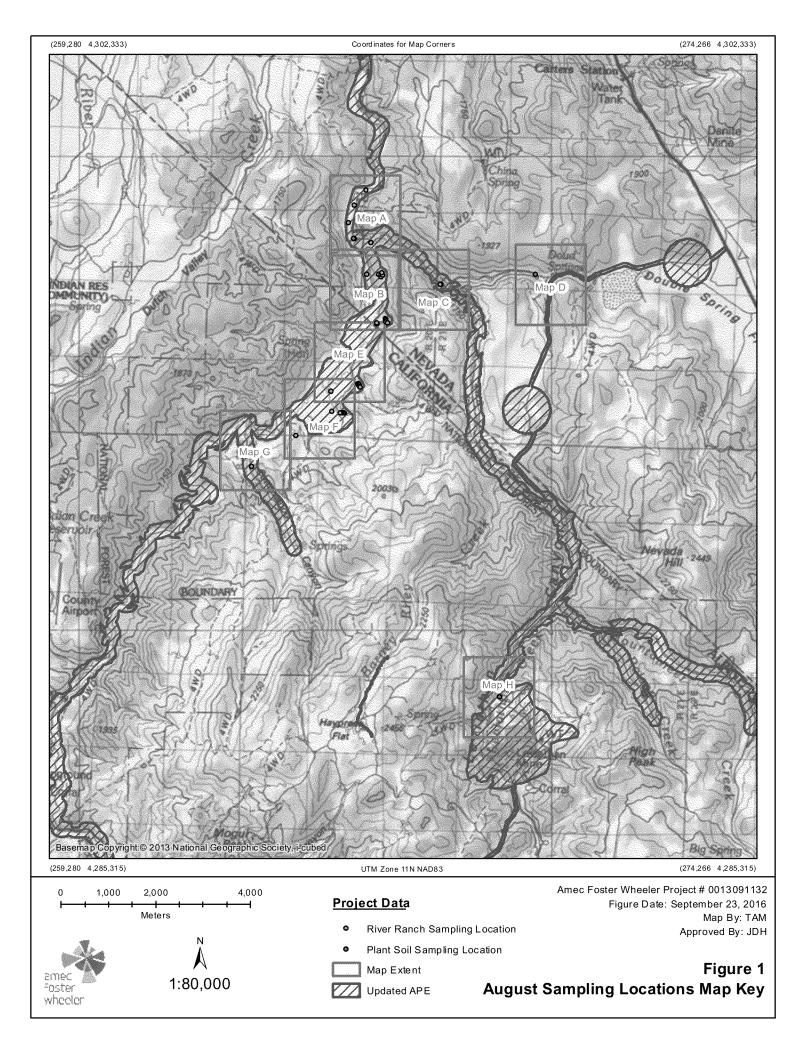
Project Manager, Mining

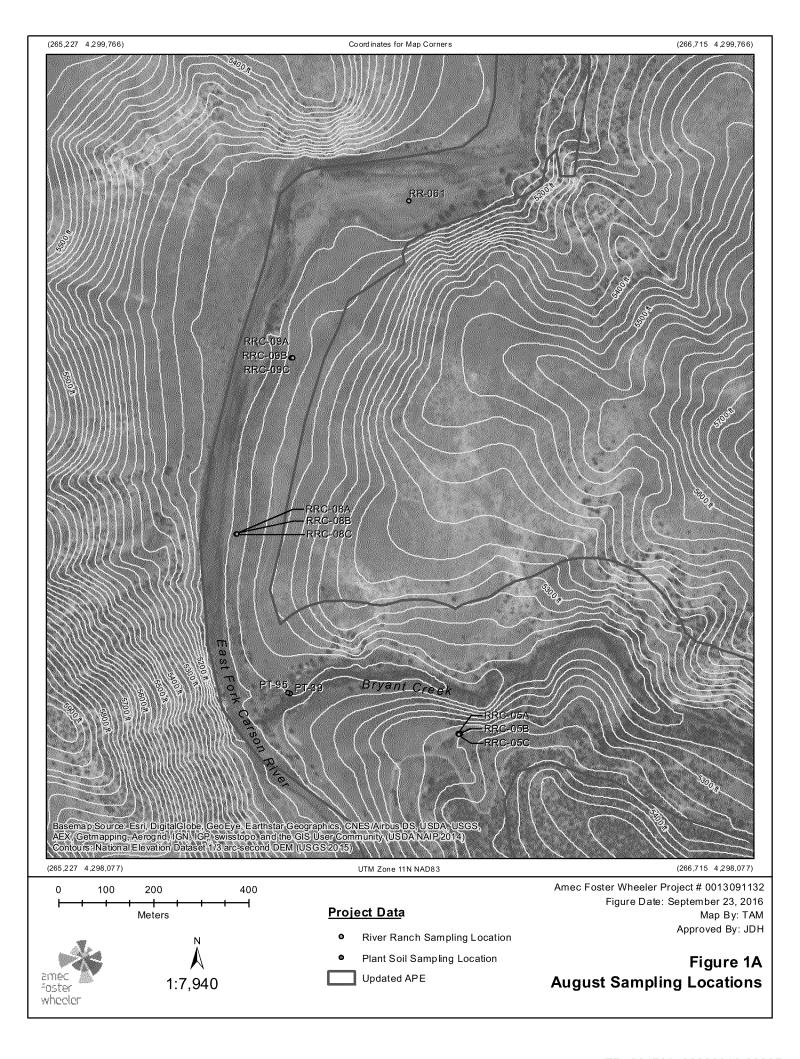
cc: Josh Wirtschafter – U.S. EPA Region 9 – via electronic copy
Lily Tavassoli – U.S. EPA Region 9 – via electronic copy
Greg Reller – Burleson Consulting, Inc. – via electronic copy
Nathan Block, Esq., BP – via electronic copy
Adam Cohen, Esq., Davis Graham & Stubbs, LLP – via electronic copy
Brian Johnson, Atlantic Richfield Company – via electronic copy

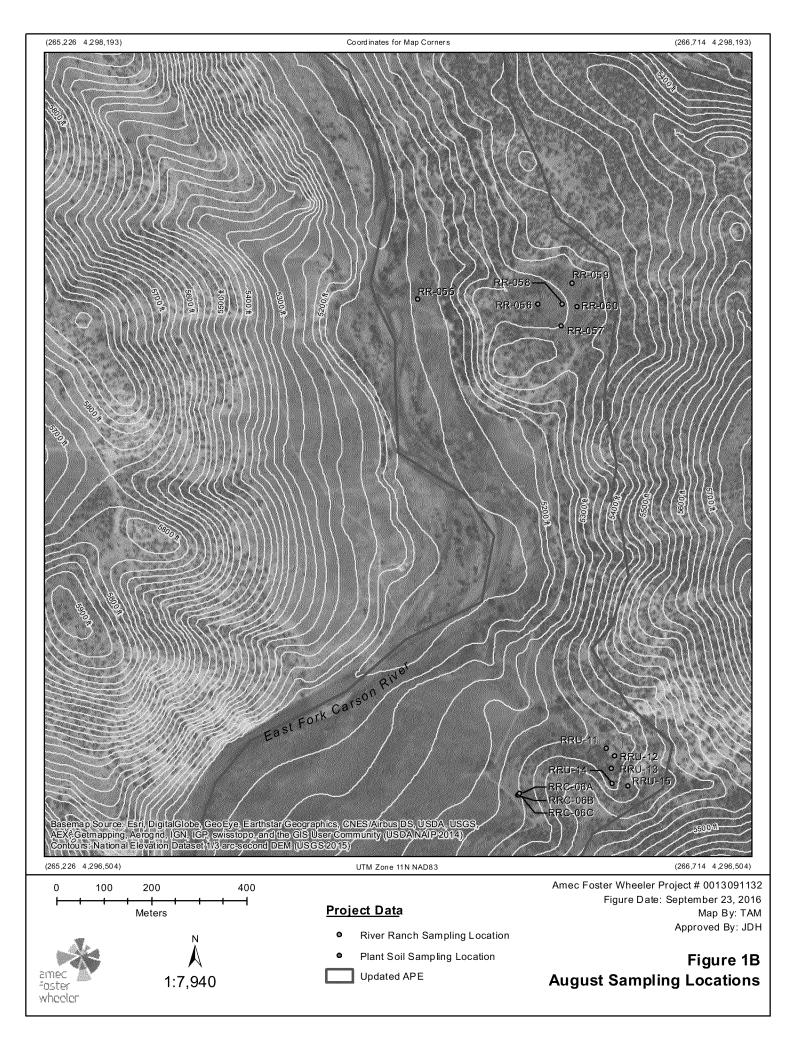
Marc R. Lombardi – Amec Foster Wheeler Jason Cooper - Amec Foster Wheeler

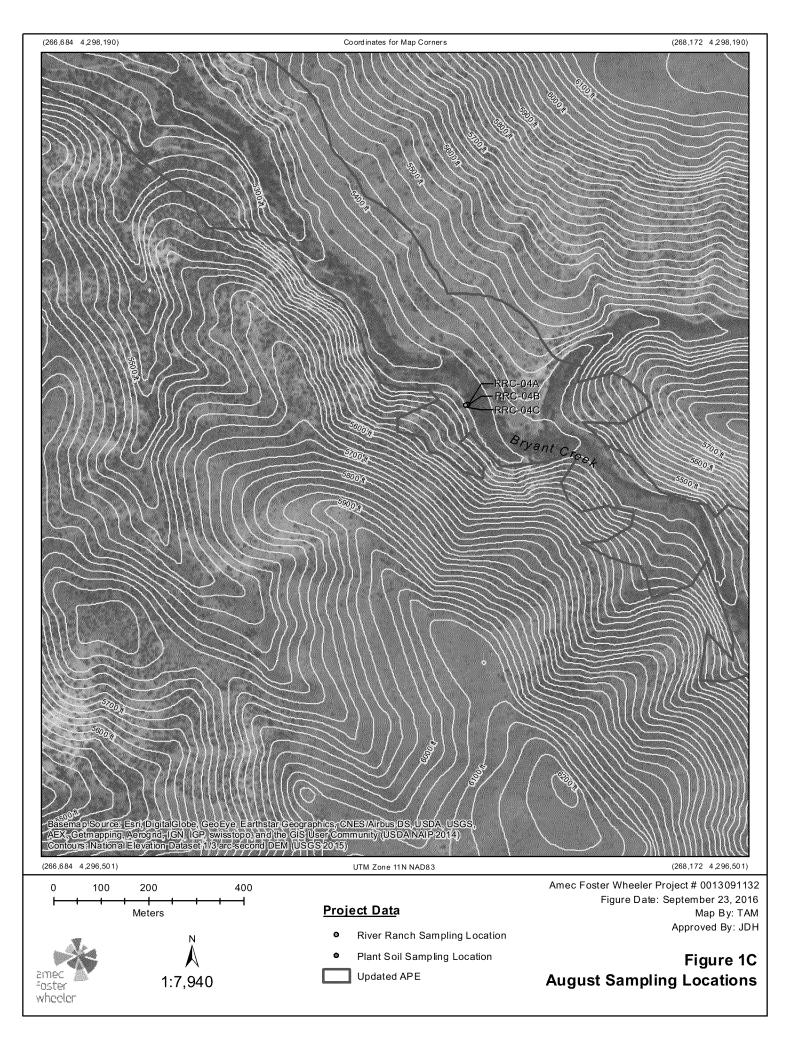
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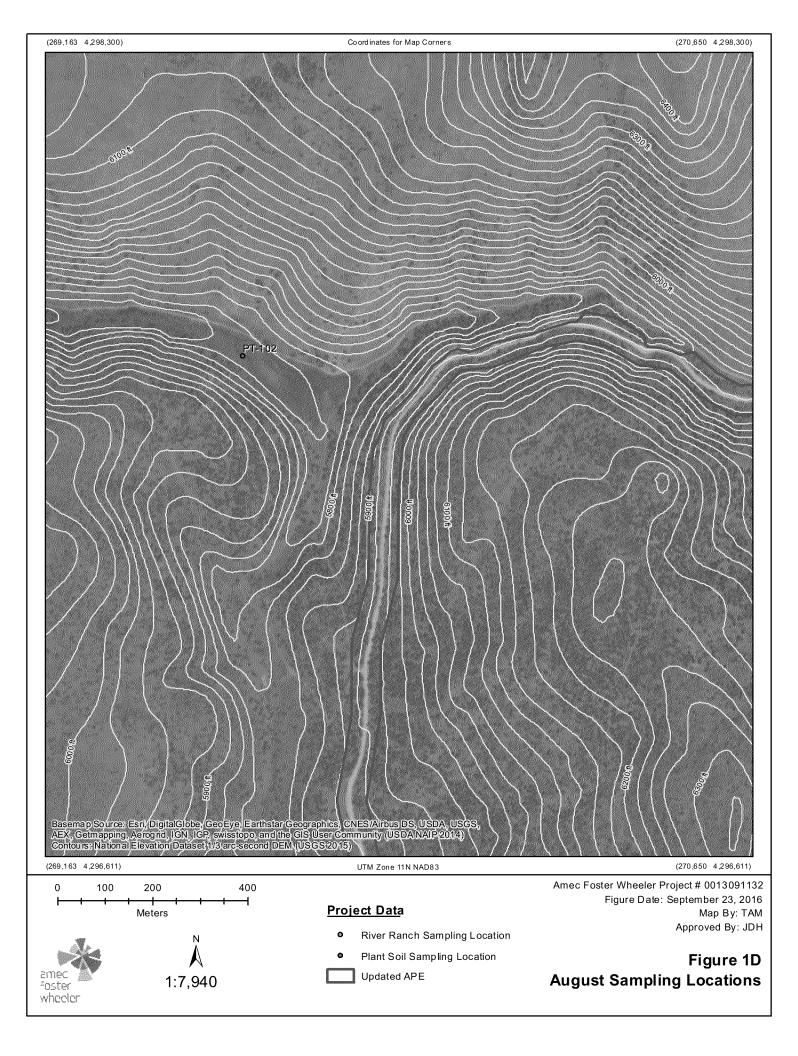


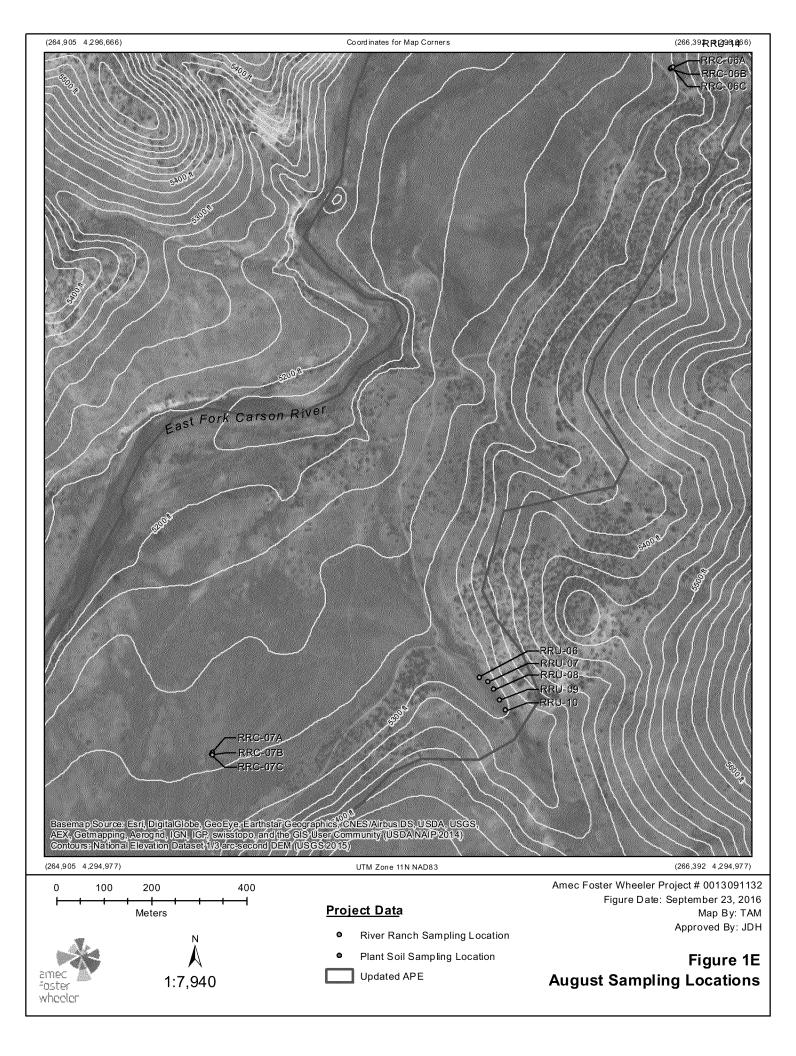


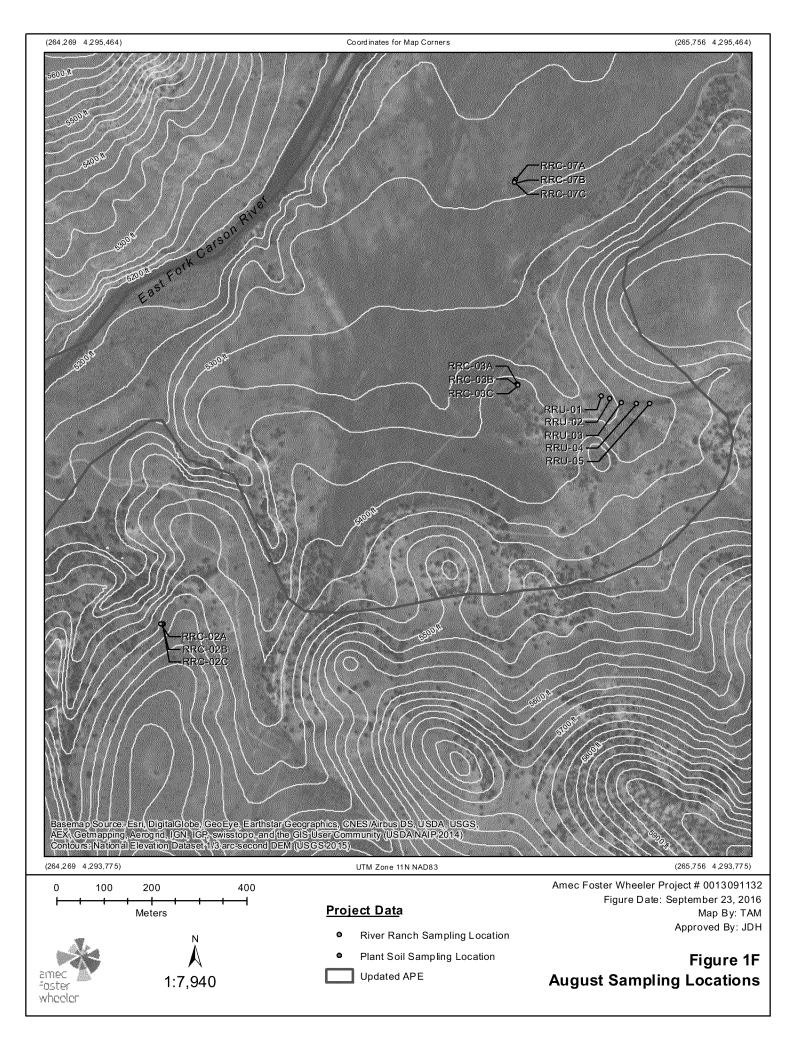


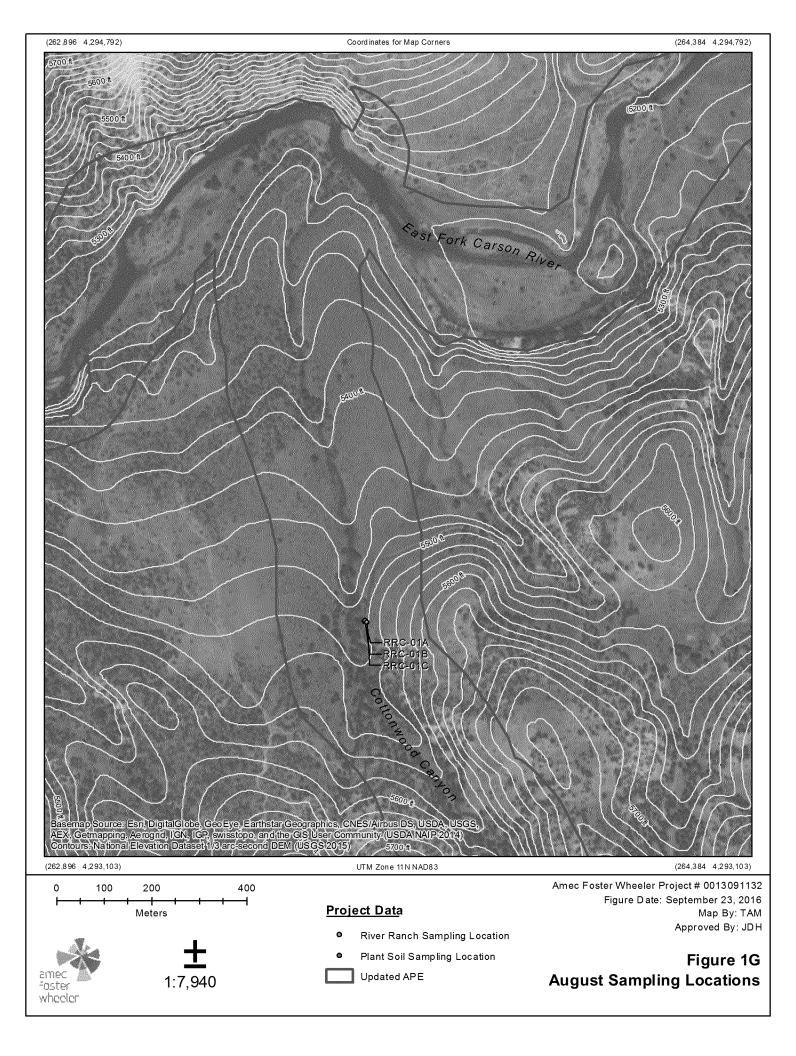


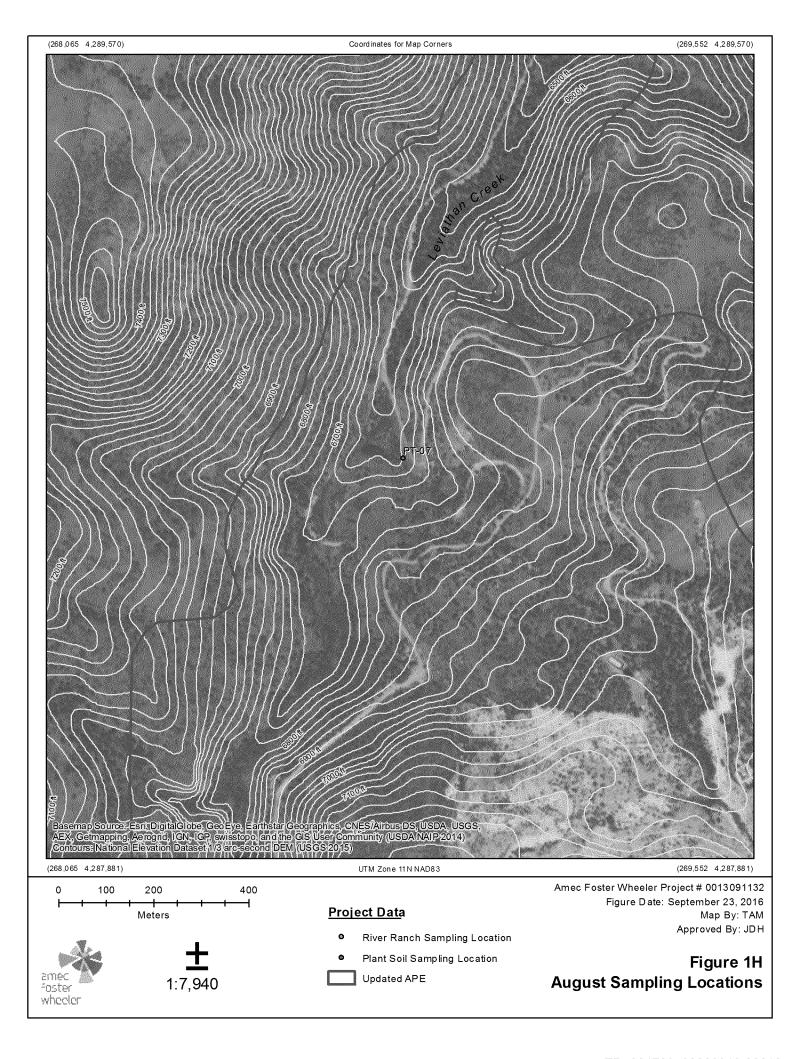












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Page 1 Of 11	*R	esource	e Name oi	r#: JDH_	_1601							
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PR 523A (1/95)											*	Required Information

DEPA	f California – The Resources Agency RTMENT OF PARKS AND RECREATION Trinomial HAEOLOGICAL SITE RECORD
Page 2 of	
*A1.	Dimensions: a. Length 585 (ft) x b. Width 45 (ft); orientation of long axis: North-South
	Method of Measurement: ☐ Paced ☐ Taped ☐ Visual estimate ☐ Other: GPS/GIS data
	Method of Determination:  ☐ Artifacts ☐ Features ☐ Soil ☐ Vegetation ☐ Topography
	Cut bank Animal burrow Excavation Property boundary Other:
	Reliability of Determination: A High Low Explain: Ground visibility was good.
	Limitations: Restricted access Paved/built over Site limits incompletely defined Disturbances Vegetation Other:
A2.	Depth: None Method of Determination: Survey
*A3.	Human Present Absent Unknown: Remains: Possible
*A4.	Features: The site consists of a road segment and wellhead.  Segment 1 is a two-track road segment that is approximately 600 feet (ft.) long and varies between 8 and 10 ft. in width. The road segment trends west-northwest and is truncated to the east by Leviathan Creek and a portion of the road is bisected by a modern barb wire and T-post mine property fence. The southern boundary is not clearly defined due to channelization of Leviathan Creek and improvements to the Delta Seep access road. The terminus of the road segment to the northwest ends at a wellhead.  Feature F-1 is a wellhead that is constructed with a 16 inch (in) circular steel cap with 12 1-in. rivet holes mounted on a 12 in. (two piece) welded pipe casing. The top of the wellhead has a threaded pipe that is 1" x 1 ½" with a 1½" coupling A single 2½ ft. pipe (37 in. long) is welded horizontally to the southern side of the wellhead.
*A5.	Cultural Constituents: Artifacts at the site consist of mining related items and a single food can. <b>Artifact A-01</b> is a six foot segment of steel pipe located approximately 30 ft. downslope of the wellhead. Steel pipe segment is 18 inches (in) in diameter with 10" and 4" vertical cuts along its' length. <b>Artifact A-02</b> is a segment of 1 in. steel braided cable. <b>Artifact A-03</b> is a rectangular key wind top strip can (crushed) (308h). <b>Artifact A-04</b> is a fragment of milled lumber located adjacent to A-02.
*A6.	Were Specimens Collected? ⊠ No ☐ Yes
*A7.	Site Good Fair Poor Disturbances: Condition:
*A8.	Nearest Water: Leviathan Creek (52 ft)
*A9. A10.	Elevation: 609-612 m AMSL, interpreted from map Environmental Setting: <i>See Continuation Sheet for detailed description.</i>
A11.	Historical Information:
*A12.	Age: ☐ Protohistoric ☐ 1542-1769 ☐ 1769- ☐ 1848-1880 ☐ 1880-1914 ☐ 1914-1945 Prehistoric ☐ 1848  ▶ Post 1945 ☐ Undetermined Dates: ☐ 1848-1880 ☐ 1880-1914 ☐ 1914-1945
A13.	Interpretations: This site represents earlier well development for Leviathan Mine. See Continuation Sheet
A14.	Remarks: A Class III survey was conducted preceding drilling activity. Cultural Resources were identified and documented prior to drilling in support of Leviathan Mine remedial investigations and feasibility studies.
A15.	References:
A16.	Photographs: See Photograph Record Original Media/Negatives Kept at: Amec Foster Wheeler, 961 Matley Lane #110 Reno, Nevada 89502
*A17.	Form Prepared by: Jesica Huddleston Date: 8/25/2016
	Affiliation and Address: Amec Foster Wheeler, 961 Matley Lane #110 Reno, Nevada 89502

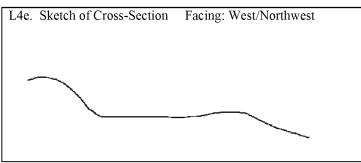
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\*Required Information

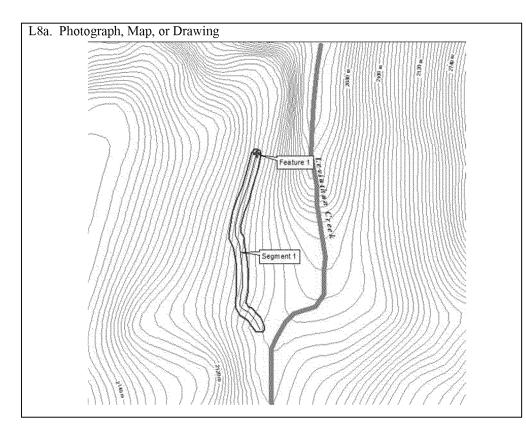
Page 3 of 11

Resource Name or # JDH 1601

- L1. Historic and/or Common Name: N/A
- L2a. Portion Described: 
  ☐ Entire Resource ☐ Segment ☐ Point Observation Designation:
  - b. Location of point or segment: Located on the west side of Leviathan Creek above Delta Seep. Trends southwest to northeast.
- L3. Description: Historic two-track well access road. See Continuation Sheet for detailed description.
  - L4. Dimensions:
    - a. Top Width: fluctuates between 8 and 10 ft.
    - b. Bottom Width: N/A c. Height or Depth: N/A d. Length of Segment: 620 ft.
  - L5. Associated Resources: Leviathan Mine



- L6. Setting: Jeffrey Pine/Sage woodland located above a waterfall on Leviathan Creek with successive pools.
- L7. Integrity Considerations: Overgrown vegetation. Approximately 60 to 80 years of tree growth within road parameters. Segments of the road have been buried due to slope wash and falling rock.



- L8b. Description of Photo, Map, or Drawing: Map of JDH-1601 showing location of Segment-01.
- L9. Remarks:

L10. Form Prepared by: J. Huddleston and L. Huddleston Amec Foster Wheeler, 961 Matley Lane #110 Reno, Nevada 89502

L11. Date: 8/26/2016

### State of California – The Resources Agency DEPARTMENT OF PARKS AND RECREATION

Primary #
Trinomial

ARTIFACT RECORD

Page 4 of 11 Resource Name or #: JDH\_1601

Location Where Collected Specimens are Curated: N/A

Artifact #	Туре	Condition	Description (form, material, etc.)	Dimensions (cm) L W TH	Locational Data (UTM Zone 11 NAD83) Easting / Northing	Sketch/ Photo	Collected?
A-01	Metal	С	Steel pipe segment with welded	Appx. 6 ft. long, 18 in.	268,420 / 4,287,872	Yes	No
			vertical cuts	in diam.			
A-02	Metal	F	Segment of steel braided cable	1 in. diam.	268,408 / 4,287,863	Yes	No
A-03	Metal	F	Rectangular key wind opened food can, crushed	-	268,399 / 4,287,826	No	No
A-04	Wood	F	Milled lumber fragment		268,408 / 4,287,863	Yes	No

Type Key: (list abbreviations used)	Condition Key:
	F Fragmentary C Complete
	Other:

DPR 523H (1/95)

State of California – The Resources Agency	Primary#
DEPARTMENT OF PARKS AND RECREATION	HRI#
CONTINUATION SHEET	Trinomial

Page 5 of 11

\*Resource Name or # JDH\_1601

#### A10. Environmental Setting:

JDH\_1601 is cut into the toe/slope of an east facing slope. The site is situated within a juniper/sage woodland with rosehips, bitterbrush, mountain mahogany, and various seasonal grasses. On-site vegetation also includes various wetland grasses to the east bordering the stream channel of Leviathan Creek. The site is located upstream and to the southeast of Delta Seep and is adjacent to a waterfall with three successive pools on Leviathan Creek.

#### A13. Interpretations: Continued

JDH-1601 is a mining related two-track road and wellhead location. These historic features and associated debris are recommended **Not Eligible** for inclusion in the National Register of Historic Places under any criteria. The site is associated with the later stages of active mining at the Leviathan Mine Site, but cannot be associated with any prominent event, important figure, or unique methods of construction (Not eligible under Criterion A, B, or C). The site consists of two features associated with implementation of well monitoring efforts and a few scattered artifacts (a pipe segment, length of cable, meat tin, and a milled lumber fragment.) associated with construction of the wellhead. The site has been used as an access road as early as the late 1950s or early 1960s. Based on the artifact assemblage and the low potential for buried deposits the data potential has been sufficiently captured during recordation. As such, it is recommended not eligible under Criterion D.

#### L3. Linear Feature Description: Continued

Two-track road created by vehicular traffic on east facing slope leading from Leviathan Creek to its terminus at a wellhead. The beginning of the road is indeterminate due to channelization of Leviathan Creek and road improvements to the Delta Seep access road. A segment of the road is bisected by a modern barb wire and T-post fence utilized for mine property security. Artifacts include a segment of braided steel cable (Artifact A-02), a segment of steel pipe (Artifact A-01), a rectangular food can (Artifact A-03), and a single milled lumber fragment (Artifact A-04). Confidential client's records of mining related activities in the area indicate that the road and well-head were installed between 1960 and 1961.

**Segment 1** is a road segment that is approximately 600 feet (ft.) long and varies between 8 and 10 ft. in width. The road segment trends west-northwest and is truncated to the east by Leviathan Creek and a portion of the road is bisected by a modern barb wire and T-post mine property fence. The southern boundary is not clearly defined due to channelization of Leviathan Creek and improvements to the Delta Seep access road. The terminus of the road segment to the northwest ends at a wellhead.

**Feature F-1** is a wellhead that is constructed with a 16 in circular steel cap with 12 1-in. rivet holes mounted on a 12 in. (two piece) welded pipe casing. The top of the well head has a threaded pipe that is 1" x 1  $\frac{1}{4}$ " with a 1  $\frac{1}{2}$ " coupling. A single 2  $\frac{1}{2}$  ft. pipe (37 in. long) is welded horizontally to the southern side of the wellhead.

State of California – The Resources Agency	Primary #
DEPARTMENT OF PARKS AND RECREATION	HRI#
PHOTOGRAPH RECORD	Trinomial

Project Name: Leviathan Mine Lens Size: 35mm Page 6of 11 Year 2016

Camera Format: DIGITAL

Negatives Kept at: Amec Foster Wheeler Reno, NV Film Type and Speed Roll Digital #NA

						Accession
Mo.	Day	Time	Exp/Frame	Subject / Description	View	#
July	26	2:02 pm	20160726_140254	Site Overview and Segment 01, road	N/NW	
July	26	11:51 am	20160726_115155	Detail of Feature 01, well head	N/A	
July	26	11:58 am	20160726_115804	Detail of Artifact-01, steel pipe	N/A	
July	26	12:05 pm	20160726 120550	Detail of Artifact-02 (steel cable) and Artifact-04	N/A	
			_	(milled lumber)		

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Page 7 of 11 Resource Name or #: JDH\_1601
\*Recorded by: Jesica Huddleston and Loren Huddleston
\*Date: 7-26-2016

**⊠**Continuation ☐ Update



Detail of Feature 01, wellhead, 20160726\_115155



Detail of Artifact-01, steel pipe, 20160726\_115804

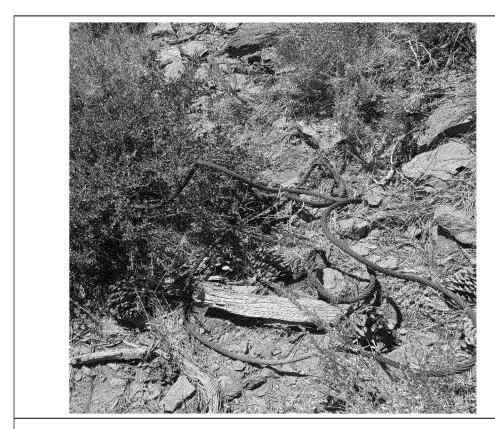
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Page 8 of 11 Resource Name or #: JDH\_1601
\*Recorded by: Jesica Huddleston and Loren Huddleston
\*Date: 7-26-2016

Continuation		Update
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Detail of Artifact-02 (steel cable) and Artifact-04 (milled lumber), 20160726\_120550

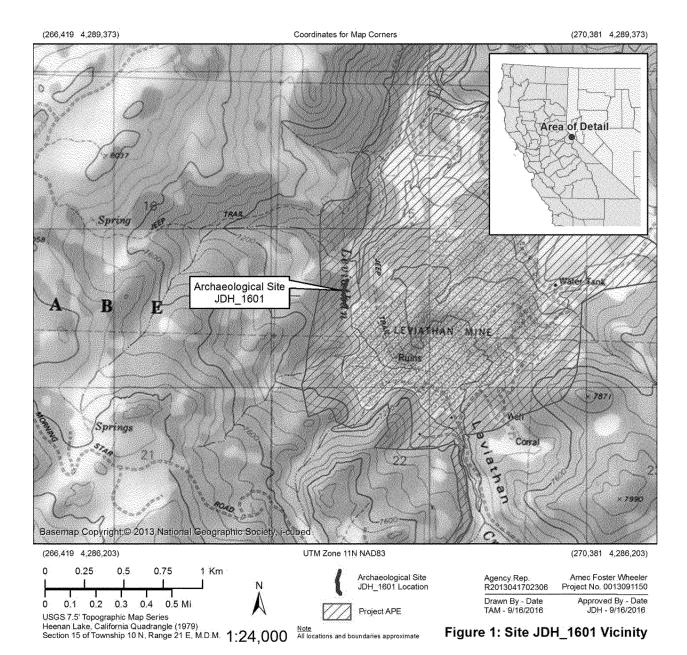
\*Required Information DPR 523L (1/95)

Primary # HRI# Trinomial

Page

 9 of 10
 \*Resource Name or #(Assigned by recorder)
 JDH 1601

 \*Map Name:
 Heenan Lake
 \*Scale: 1:24,000
 \*Date of map: \_\_9/16/2016\_\_\_\_

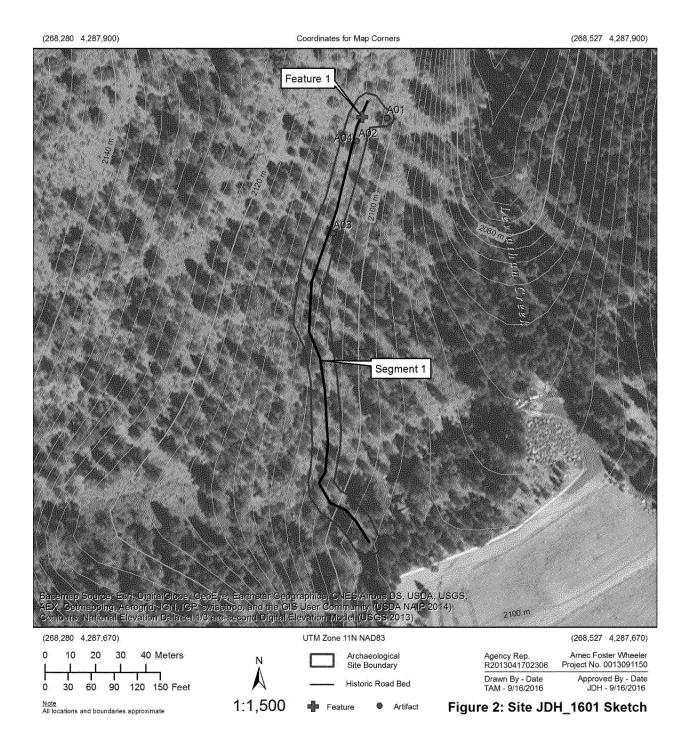


Primary #

HRI# Trinomial

Page 10 of 10 \*Resource Name or #(Assigned by recorder) JDH 1601

\*Drawn by: Tyler McWilliams \*Date of map: \_9/16/2016\_\_\_\_\_



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Page 1 of 12	2	*	Resou	rce N	lame or	·# <b>:</b>	JDH_	1603							
P1. Other Identifier:															
*P2. Location: ⊠ No And	t for Pul	blicat	tion [	Un	restric	ted		*	a. Cour	ıty	Alpine				
b. USGS 7.5' Quad: Heenan Lake	<b>Date</b> 1979	T	10 N	;R	21 E	;	SE	1/4 of	SE	1/4 of	NE	1/4 of	15	Sec;	Mt Diablo <b>B.M.</b>
b. USGS 7.5' Quad: Heenan Lake	<b>Date</b> 1979	T	10 N	;R	21 E	;	NE	1/4 of	NE	1/4 of	SE	1/4 of	15	Sec;	Mt Diablo <b>B.M.</b>
b. USGS 7.5' Quad: Heenan Lake	<b>Date</b> 1979	T	10 N	;R	21 E	;	NW	1/4 of	NW	1/4 of	SW	1/4 of	14	Sec;	Mt Diablo <b>B.M.</b>
'b. USGS 7.5' Quad: Heenan Lake	<b>Date</b> 1979	T	10 N	;R	21 E	;	SW	1/4 of	SW	1/4 of	NW	1/4 of	14	Sec;	Mt Diablo <b>B.M.</b>
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												and 3	J. Truc c Fost	lell er Whe	y: J. Huddlesto eler, 961 Matle
															NV 89502
				a d		gy T							). Sur		ded: 8/9/2016  pe: Intensive
								1700-101-0792-0700-000				Junv	Cy		pc. michsive
P11. Report Citation	:							(196-100 turn circus) (196-100 turn circus)				Juniv	Су		pe. miensive
Attachments: ☐Not ☐Not ☐Not ☐Not ☐Not ☐Not ☐Not ☐Not	ne 🛛 L	Dis	on Ma	ecord		Line	ap 🔯				☐Buil lling Sta	ding, S	Structu		Object Record

DEPA	r California – The Resources Agency RTMENT OF PARKS AND RECREATION HAEOLOGICAL SITE RECORD
Page 2 of	
*A1.	Dimensions: a. Length 1,081 (ft) x b. Width 462 (ft); orientation of long axis: North-South
	Method of Measurement: ☐ Paced ☐ Taped ☐ Visual estimate ☐ Other: GPS
	Method of Determination:  ☐ Artifacts ☐ Features ☐ Soil ☐ Vegetation ☐ Topography
	☐ Cut bank ☐ Animal burrow ☐ Excavation ☐ Property boundary ☐ Other:
	Reliability of Determination:  High Low Explain: Ground visibility was good.
	Limitations: Restricted access Paved/built over Site limits incompletely defined Disturbances Vegetation Other:
A2.	Depth: None Method of Determination: Survey
*A3.	Human
*A4.	Features: <b>F-01-</b> a mechanically excavated trench, <b>F-02-</b> a rock cairn <b>F-03-</b> a mine exploration road, <b>F-04-</b> a mechanically excavated cut bank, <b>F-05-</b> and a two-track road <i>See Continuation Sheet for detail</i>
*A5.	Cultural Constituents: The artifacts present include braided steel cable (A-01), clear glass bottles (A-02-A-05), a large tin can (A-06), a hinge (A-07), an oil can (A-08), a shovel head (A-09), pulley wheels (A-10), a jar lid, various tin cans, and various milled lumber fragments. The majority of artifacts are contained with two concentration areas (Concentrations C-01 and C-02), with a small number of artifacts distributed within the general site area. Diagnostic artifacts observed on the site consist of glass bottles with maker's marks and hole-in-cap cans. Date ranges for the diagnostic artifacts overlap in the 1930s and 1940s. All these artifacts are described in detail on the Artifact Record and the two Concentrations are described further on the Continuation Sheet
*A6.	Were Specimens Collected? ☑ No ☐ Yes
*A7.	Site Good Fair Poor Disturbances: Condition:
*A8.	Nearest Water: Aspen Creek (250 ft)
*A9. A10.	Elevation: 2170 - 2190 m AMSL, interpreted from map Environmental Setting: The site is within a Jeffery Pine and Sagebrush woodland with willow, bitterbrush, ricegrass, Great Basin rye, with other small shrubs and bunch grasses.
A11.	Historical Information:
*A12.	Age: Protohistoric 1542-1769 1769- 1848-1880 1880-1914 1914-1945 Prehistoric 1848 Post 1945 Undetermined Describe: The diagnostic artifacts indicate a date range from 1934 to the early 1970s.
A13.	Interpretations: Historic mine exploration road with associated features and artifacts. See Continuation Sheet
A14.	Remarks: A Class III survey was conducted preceding drilling activity. Cultural Resources were identified and documented prior to drilling in support of Leviathan Mine remedial investigations and feasibility studies.
A15.	References: See Continuation Sheet
A16.	Photographs: Original Media/Negatives Kept at: Amec Foster Wheeler, 961 Matley Lane #110 Reno, Nevada 89502
*A17.	Form Prepared by: Jesica Huddleston and Loren Huddleston Date: 9/2/2016
	Affiliation and Address: Amec Foster Wheeler, 961 Matley Lane #110 Reno, Nevada 89502

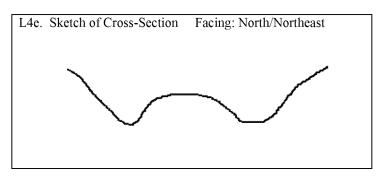
State of California – The Resources Agency	Primary #	
DEPARTMENT OF PARKS AND RECREATION	HRI#	
LINEAR FEATURE RECORD	Trinomial	

Page 3 of 12

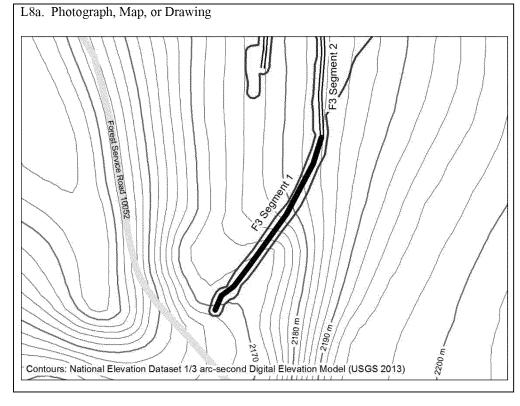
Resource Name or # JDH 1603

L1. Historic and/or Common Name: N/A

- L3. Description: **Feature F-03/Segment 01** is a constructed convex berm road utilizing imported fill placed within a seasonal drainage. Segment -01 begins from Leviathan Mine Road/Forest Service Road 10052 and heads northeast 162 meters (m.) where it approaches a meadow, then turns slightly to the north and continues until it reaches the toe of an east facing slope conjoining with Segment 02. The top width of Segment 01 varies between 4-6 m. wide and approx. 2 m. tall with seasonal drainage along both the east and west sides of the road berm. The Confidential client's records of mining activities in the area indicate that the mine exploration road was constructed and two bore holes are shown on a December 1936 topographic & geologic map. They were likely installed sometime before December 1936, but most likely in 1935.
- L4. Dimensions:
  - a. Top Width: 4 to 6 m.b. Bottom Width: 6 to 8 m.c. Height or Depth: <1 m.</li>
  - d. Length of Segment:162 m
- L5. Associated Resources: Leviathan Mine.



- L6. Setting: Jeffrey Pine/Sagebrush woodland located below and adjacent to a meadow.
- L7. Integrity Considerations: Overgrown vegetation. Approximately 60 to 80 years of tree growth within road parameters.



L8b. Description of Photo, Map, or Drawing: Map of JDH-1603 showing location of Feature F-03/Segment-01.

L9. Remarks:

L10. Form Prepared by: Jesica Huddleston Amec Foster Wheeler, 961 Matley Lane #110 Reno, Nevada 89502

L11. Date: 8/31/2016

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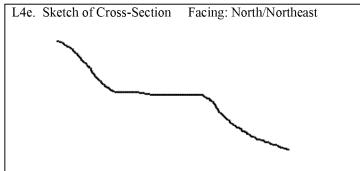
Page of

Resource Name or # JDH 1603

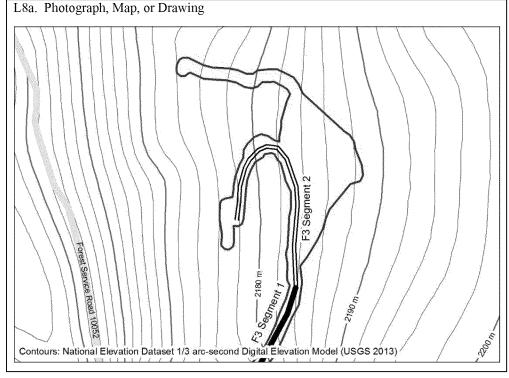
L1. Historic and/or Common Name:

L2a. Portion Described: Entire Resource Segment Point Observation Designation: Feature F-03/Segment 02 b. Location of point or segment: Located on the east side of Leviathan Mine Road/Forest Service Road 10052, above Aspen Seep. Horseshoe-shaped and aligned north-south with the bend on the northern end of the segment.

- L3. Description: **Feature F-03/Segment-02** is a road alignment that is located to the north of and runs continuous with F03/Segment-01. Segment-02 is cuts into the toe of an east facing slope following the contour of the landform upslope and to the north, and varies between 6-8 m. in width. Once Segment -02 reaches the north end of the slope it follows the natural contour to the west, where it intersects with F-05. After the intersection with F-05 waste rock becomes prevalent on the road, the road narrows to approximately 4-5 m. wide, and continues to the terminus of F-03. Confidential client's records of mining related activities indicate that the mine exploration road was constructed and two bore holes are shown on a December 1936 topographic and geologic map. They were likely installed sometime before December 1936, but most likely in 1935. See item F4. Features on continuation sheet for associated feature descriptions.
- L4. Dimensions:
  - a. Top Width: N/A
  - b. Bottom Width: 6 to 8 m.
  - c. Height or Depth: N/A
  - d. Length of Segment 200 m
- L5. Associated Resources: Leviathan Mine.



- L6. Setting: Jeffrey Pine/Sagebrush woodland located below and adjacent to a meadow.
- L7. Integrity Considerations: Overgrown vegetation. Approximately 60 to 80 years of tree growth within road parameters.



L8b. Description of Photo, Map, or Drawing: Map of JDH-1603 showing location of Feature F-03/Segment-02.

L9. Remarks:

L10. Form Prepared by: Jesica Huddleston Amec Foster Wheeler, 961 Matley Lane #110 Reno, Nevada 89502

L11. Date: 8/31/2016

## State of California – The Resources Agency DEPARTMENT OF PARKS AND RECREATION ARTIFACT RECORD

Primary	<i>l</i> #						
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Resource Name or #: JDH\_1603

Location Where Collected Specimens are Curated: N/A

					Locational Data		
Artifact			Description	Dimensions (cm)	(UTM Zone 11 NAD83)	Sketch/	
#(s)	Туре	Condition	(form, material, etc.)	L W TH	Easting / Northing	Photo	Collected?
A-01	Metal	F	Braided steel cable segment of	approximately	C1: 269,669 / 4,288,236	Yes	No
,			indeterminate length due to buried	1.75 in. diameter,			
			portions of cable				
· · · · ·	Glass	F	Colorless Bottle base with dimpling.	Base 3 2/16" in.	C1: 269,669 / 4,288,236	Yes	No
A-03, &			Heel embossed "4/5 QUART",				
A-04			shoulder "FEDERAL LAW FORBIDS				
,			SALE R" Base embossed "DI//10				
			56-51 [Owens Illinois mark], N=10" Use of the phrase "Federal Law				
			forbids" occurs between 1934-1968				
			(Munsey 1970:126; Rock 1990:25;				
,			IMACS 1992:472.8)				
A-05	Glass	С	Colorless cylindrical ABM threaded jar	-	C1: 269,669 / 4,288,236	Yes	No
,			with metal screw cap [deteriorated		, , , ,		
,			center]. Base embossed "C [CG				
,			Maker's Mark) // 3628111" Glass				
,			Container Corp. Maker's Mark from				
			1934- 1968 (Lockhart et. al. 2015)				
	Metal	F	Large Can, crushed	-	269,658 / 4,288,221	No	No
A-07	Metal	C	Pin hinge, scalloped ends with three	4 x 3 x 1 in.	269,651 / 4,288,196	Yes	No
,			mounting holes on both sides (N=6 holes)				
A-08	Metal	С	Oil can with "SAE//30//WD", punched	  -	269,641 / 4,288,174	No	
A-08	ivictai	C	and X-cut, crushed	<del>-</del>	209,041 / 4,200,1 /4	No	
A-09	Metal	С	Shovel head, rounded with	14 ¾ in. in length	269.640 / 4.288.154	Yes	No
11-05	Wictai	C	"O//FS//Baldwin//Monongah", three	x 8 in. wide	209,0407 4,200,194	1 63	110
,			rivet head attachment, with "NN <sup>01</sup> " on				
			the back of the blade				
A-10	Metal/Rubber	С	Pulley wheels with rubber inserts,	1 ft. diam. x 1 in.	269,658 / 4,288,208	Yes	No
			N=10 (wheels), N=10 (inserts)	thick			
,	Metal	F	Sanitary can fragment, single serve,	-		No	No
			CE, crushed c1904 – date (Rock 1989:				
			52, 61-62)				
	Metal	F	Hole in cap can, church key opened,	-		No	No
,			crushed 1823-c1940 (Rock 1989: 16- 17, 49-50, 58)				
<del></del>	Metal	F	Stamped end can	<u> </u>		No	No
	Metal	F	Rectangular can with crimped ends,	-  -		No	No
	1victai	1	pour spout, with partial cap	-		110	140
	Metal	F	Crushed jar lid	<del> </del> -		No	No
	Metal	F	Crimped end, internally rolled can,	1-		No	No
	1.12.001	•	rotary opened, crushed			1	1,0

Type Key: (list abbreviations used)	Condition Key:
	F Fragmentary C Complete
ABM: Automatic Bottle Machine	C Complete
	Other:

DPR 523H (1/95)

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\*Resource Name or # JDH 1603

\*Recorded by: Jesica Huddleston and Jana Trudell \*Date: 7/26/2016 ☑ Continuation ☐ Update

#### \*P3a. Description: Continued

There are five features within the site including a mechanically excavated trench and associated spoils (F-01), a collapsed rock cairn (F-02), a mine exploration road (F-03), a mechanically excavated cut bank (F-04), and a two-track road (F-05). These features are in association with cultural constituents including a number of unique and/or diagnostic artifacts and a more general historic debris scatter. *All artifacts are described in detail within \*A5 and the Artifact Record.* The majority of artifacts are contained with two concentration areas (Concentrations **C-01** and **C-02),** with a small number of artifacts distributed within the general site area.

**Feature F-01** is a mechanical trench and associated spoils pile. See A4. Features below for detailed description. **Feature F-02** is a collapsed rock cairn with fallen milled lumber post. See A4. Features below for detailed description. **Feature F-03** is a historic mine exploration road with two distinct segments. See A4. Features helow for detailed.

**Feature F-03** is a historic mine exploration road with two distinct segments. *See A4. Features below for detailed description* 

**Feature F-03/Segment 1** is a segment of constructed convex berm road within a seasonal drainage. See A4. Features below for detailed description.

**Feature F-03/Segment 2** is a segment of two-track road that contours the land form upslope. See A4. Features below for detailed description.

Feature F-04 is a discontinuous mine cut. See A4. Features below for detailed description.

Feature F-05 is an ephemeral two-track road connecting to F3. See A4. Features below for detailed description.

Concentration C-01 is an assemblage of historic debris located approximately 15 meters south of **F-01**, the concentration is comprised of four colorless glass bottles and a colorless glass jar (**A-01 through A-05**), colorless bottle glass fragments, a jar lid, and various tin cans and tin can fragments.

**Concentration C-02** is a scatter of splintered, fragmented, and deteriorated wooden slats ( $\sim$ 30 +/-), one 10' x 1' milled lumber fragment, one 4' x 2' milled lumber post, with one crushed hole-in-cap tin can.

#### A4. Features: Continued

**Feature F-01** is a mechanical trench and associated spoils pile with a north to south orientation. Trench dimensions are 30 meters (m.) in length by 10 m. wide, with a maximum depth of 5 m. Spoils pile associated with F-01 is located on the southeast end of the mechanical trench and measures approximately 10 m. wide east – west by 12 m. north – south with a maximum height of 3 m. A crimped end can fragment was observed on the west edge of F-01.

**Feature F-02** is a collapsed rock cairn with a fallen milled lumber post measuring 4 in. by 4 in. by approximately 4 ft. in length. Rock cairn is comprised of 22 large cobbles. F-02 is associated with F-01 and is located at the southeast edge of mechanical trench spoils pile.

**Feature F-03** is a historic mine exploration road with two distinct segments that are differentiated by the method of road construction and placement within the topography.

- Segment 01 is a constructed convex berm road utilizing imported fill placed within a seasonal drainage. Segment 01 leads from Leviathan Mine Road/Forest Service Road 10052 and heads north 162 meters (m.) where it approaches a meadow, then turns slightly to the northwest and continues following the natural contour upslope conjoining with Segment 02. Segment 01 varies between 4 6 m. wide and approx. 2 m. tall with seasonal drainage along both the east and west sides of the road berm.
- □ Segment 02 is a segment of two-track road that is located to the north and continuous with Segment 01. Segment 02 is cut into the toe of an east facing slope following the contour of the landform upslope and to the north. Once Segment 02 reaches the north end of the slope it follows the natural contour to the west, where it intersects with F-05. After the intersection with F-05, waste rock becomes prevalent on the road and continues to the terminus of F-03.

**Feature F-04** is a discontinuous mine cut that runs parallel to and is situated below F-03 on the west side of the slope. Appears to be constructed for mine waste dumping, potentially abandoned, as mining in this area appears to have been terminated. F-04 is approx. 32 m in length and varies between 5 and 6 ft. in width.

**Feature F-05** is an ephemeral two-track road that leads from F-03 connecting to the west down a steep slope to a large cleared area comprised of waste rock located along Leviathan Mine Road/Forest Service Road 10052, likely the result of previous mining activities. F-05 winds through Pinyon and Jeffrey Pine trees with various ephemeral turn arounds and pullouts along the route. Road width is indeterminate as the shape fluctuates greatly within turn arounds and pullouts, and visibility is further compromised by heavy layer of pine duff.

State of California – The Resources Agency	Primary #
DEPARTMENT OF PARKS AND RECREATION	HRI#
CONTINUATION SHEET	Trinomial

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\*Resource Name or # JDH\_1603

#### A13. Interpretation Continued:

Site JDH\_1603 is a collection of features and artifacts related to mining/mineral extraction recommended **Not Eligible** for inclusion in the National Register of Historic Places under any criteria. The site cannot be associated with any prominent event, important figure, and is not unique in construction (Not eligible under Criterion A, B, or C). Though the site can be associated with the Leviathan Mine Site's later phase of mining and with research issues identified for the project, the features and associated artifacts present can provide only limited data for answering pertinent research questions. Based on the limited data potential for the features, the small artifact assemblage, and the low potential for buried deposits the data available have been sufficiently captured during recordation. As such, JDH\_1603 is recommended not eligible under Criterion D.

#### A15. References:

Intermountain Antiquities Computer System (IMACS)

1992 User's Guide Instructions and Computer Codes for Use with the IMACS Site Form. Revised. Prepared by the University of Utah, Bureau of Land Management, and U.S. Forest Service.

Lockhart, Bill

2006 The Color Purple: Dating Solarized Amethyst Container Glass. Historical Archaeology 40(2): 45-56.

Lockhart, Bill, B. Schriever, C. Serr, and B. Lindsey

2015 (November 5<sup>th</sup>) Glass Containers Corp. and Its Successors. Retrieved from:

https://sha.org/bottle/pdffiles/GlassContainersCo.pdf

Munsey, Cecil

1970 The Illustrated Guide to Collecting Bottles. Hawthorn Books, Publishers, New York.

#### Rock, James T.

1989 *Tin Canisters: Their Identification.* Ms. on file at the U.S. Forest Service, Klamath National Forest, Yreka, California. 1990 *Basic Bottle Identification.* Ms. on file at the U.S. Forest Service, Klamath National Forest, Yreka, California.

# State of California – The Resources Agency DEPARTMENT OF PARKS AND RECREATION PHOTOGRAPH RECORD Primary # HRI # Trinomial

Page 8of 17 Project Name: Leviathan Mine Year 2016

Camera Format: DIGITAL Lens Size: 35mm

Roll #NA Film Type and Speed Digital Negatives Kept: Amec Foster Wheeler Reno

Mo.	Day	Time	Exp/Frame	Subject / Description	View	Accession #
7	21	1:11 pm	20160721_131112	Overview with Feature F-03/Segment 02, two-track road	N/NW	
7	21	1:04 pm	20160721_130416	Overview of F-03/Segment-02, Imported Fill Berm Road	N/NE	
8	9	10:13 am	20160809_101329	Overview of Feature F-01, Mechanical Trench Spoils	N	
8	9	10:10 am	20160809_101038	Overview of Feature F-02, Collapsed Cairn	NW	
8	9	12:42 am	20160809_124254	Overview of Feature F-04, Mine Cut	N	
8	9	12:47 pm	20160809_132227	Overview of Feature F-05, Ephemeral Road	Е	
8	9	10:55 am	20160809_104826	Overview of Concentration C-01, Historic Debris	E/SE	
8	9	2:14 pm	20160809_110130	Overview of Concentration C-02, Milled Lumber Fragments	S/SW	
8	9	9:46 am	20160809_095636	Overview of Artifact A-1, Braided Steel Cable Segment with F-3/Segment 2	SW	
8	9	10:39 am	20160809_103724	Detail of Artifacts A-02, A-03, and A-04,	Plan	
8	9	10:43 am	20160809_103849	Detail of Artifact A-05, Colorless cylindrical ABM threaded jar	Plan	
8	9	1:32 pm	20160809_133255	Detail of Artifact A-07, Pin Hinge, plan view	Plan	
8	9	1:46 pm	20160809_134705	Detail of Artifact A-09, Shovel Head	Plan	
7	21	1:23 pm	20160721_132313	Detail of Artifact A-10, Pulley Wheels with Rubber Inserts	N/NW	

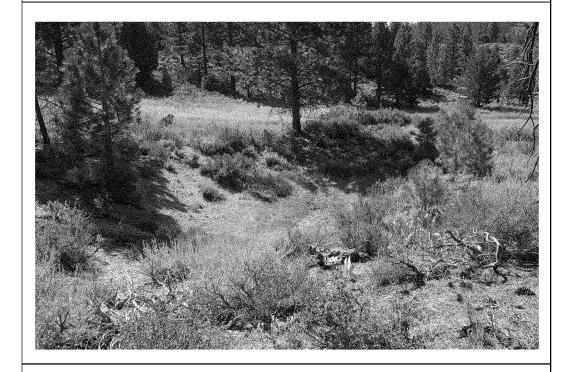
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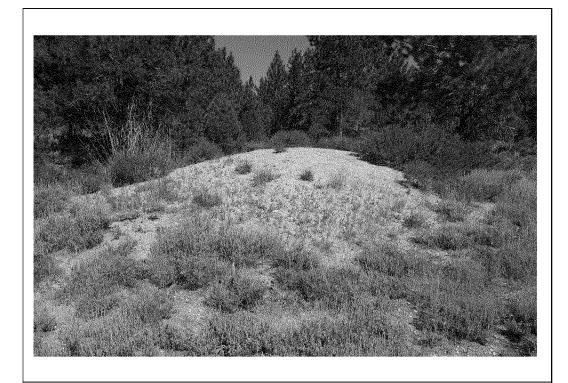
Overview of F-03/Segment-02, imported fill berm road, facing North/Northeast, 20160721\_130416.jpg



Overview of Feature F-01, mechanical trench, view facing East, 20160809\_101504.jpg

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Overview of Feature F-01, mechanical trench spoils, view facing North, 20160809\_101329.jpg



Overview of Feature F-02, collapsed cairn, view facing Northwest, 20160809\_101038.jpg

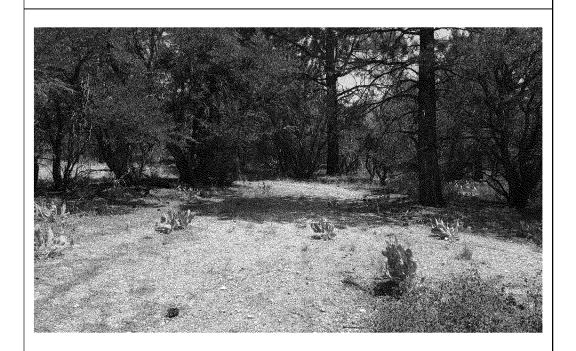
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Overview of Feature F-04, mine cut, view facing North, 20160809\_124254.jpg



Overview of Feature F-05, ephemeral road, view facing East, 20160809\_132227.jpg

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Overview of Concentration C-01, historic debris, view facing East/Southeast,  $20160809\_104826.jpg$ 



Overview of Concentration C-02, milled lumber fragments, view facing South/Southwest, 20160809\_110130.jpg

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Overview of Artifact A-01, braided steel cable segment with F-03/Segment 2, view facing Southwest, 20160809\_095636.jpg



Detail of Artifacts A-02, A-03, and A-04, plan view, 20160809\_103724.jpg

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Detail of Artifact A-05, colorless cylindrical ABM threaded jar, plan view, 20160809\_103849.jpg



Detail of Artifact A-07, pin hinge, plan view, 20160809\_133255.jpg

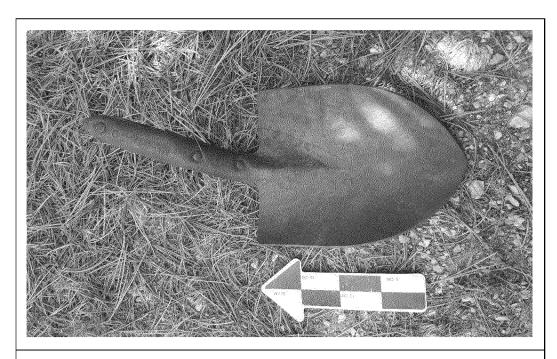
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Resource Name or #: JDH\_1603 nd Jana Trudell \*Date 8-9-2016 \*Recorded by: Jesica Huddleston and Jana Trudell

■ Continuation □Update



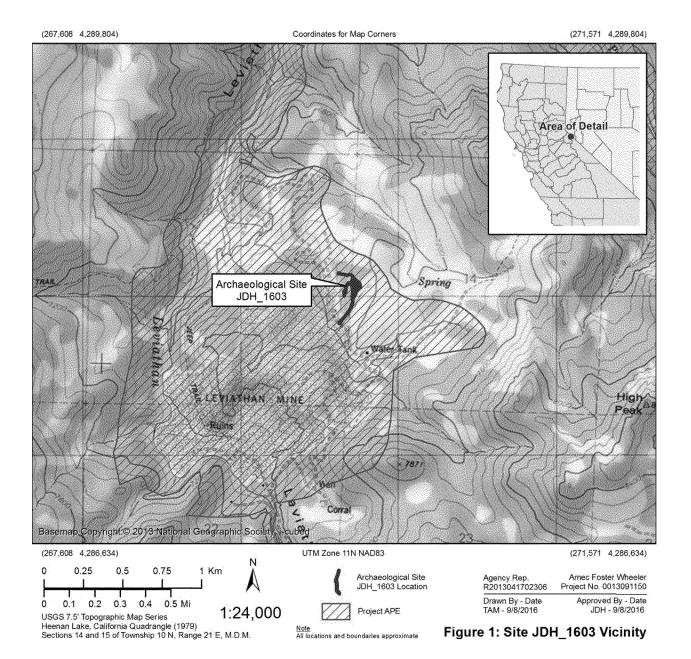
Detail of Artifact A-09, shovel head, plan view, 20160809\_134705.jpg



Detail of Artifact A-10, pulley wheels with rubber inserts, view facing North/Northwest,  $20160721\_132313.jpg$ 

Primary # HRI# Trinomial

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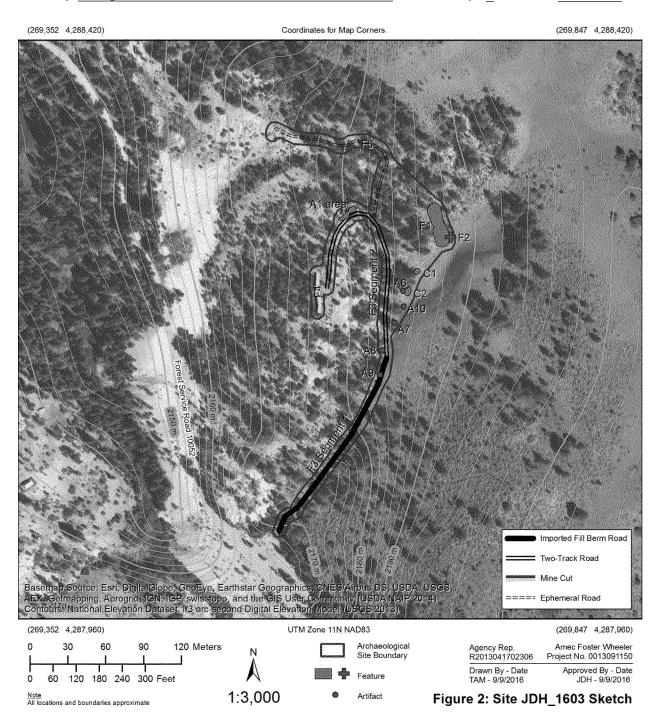
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Page  $\underline{17}$  of  $\underline{17}$  \*Resource Name or #(Assigned by recorder)  $\underline{JDH}$   $\underline{1603}$ 

Drawn by: \_\_\_Tyler McWilliams \_\_\_\_\_ \*Date of map: \_9/8/2016\_\_\_\_\_



	fornia — The R ENT OF PARKS	esources Agency AND RECREATION	Primary : HRI#	4		
	RY RECORI	)	Trinomia	l atus Code		
		Other Listings Review Code	Review	er	Date	
Page 1	of 11	*Resource Name or #:	JDH 1604			
P1. Other Iden		resource runne or m				
		ication Unrestricted	*a.	County Alpi	ine	
And						16 D: 11 D.16
*b. USGS 7.5'	<u> </u>	T   ;R   ;	1/4 of	1/4 of	1/4 of   So	ec; Mt Diablo B.M.
	N/A		City		F/ 4.200.422	Zip
d. UTM:	NAD 83		Zone 11	; 269,788	mE/ 4,288,432	mN (centroid)
e. Other Location		omponent site consists of a p	11.			11.
large recta overlap be site was us artifacts ar	ngular can, a wash tween the prehisto sed for timber harv e indicative of bot	d debris scatter including lug basin, and two axe-cut tree s ric and historic components, esting and/or pastoral animal h floral and faunal procuremon.: Trash Scatter; AP2.: Lith	stumps (Feature they are associ I husbandry act ent activities.	es F-02 and F-03 ated spatially. T	b). Though there is no the majority of historic	evidence of temporal artifacts indicate the
*P4. Resources	s Present:	Building Structure O	bject ⊠Site [	District Ele	ement of District O	ther (isolates, etc.)
						of Photo: Site _1604, view facing 20160811_132932.jpg
					*P6. Date Constr Sources: Prehistoric	ructed/Age and ☐Historic ☑Both
w/kt					*P7. Owner and	Address:
					Huddleston, J. Tru	by: J. Huddleston, L. udell, and M. Rives eler, 961 Matley Lane 39502
		And the second	No. 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	, 1	*P9. Date Recor *P10. Survey Ty	ded: 8/11/2016  pe: Intensive Survey
*P11. Report (	 Citation:					
*Attachments:	□None ☑Lo ical Record □		☑Continuat r Feature Reco		Building, Structure, and Station Record	d Object Record ]Rock Art Record
☐Artifact Rec DPR 523A (1/95)	zora <b>M</b> Photogi	aph Record Other			*R	equired Information

2222	f California – Tl RTMENT OF Pa				ON		rimary # rinomial		1000 1000 1000 1000 1000 1000 1000 100
	HAEOLOGIC			,	)				
Page 2of *A1.			me or # JDH_ 753	-	b. Width	595	(ft): original	entation of lang av	ic. cost wast
'AI.	Dimensions: a. Method of Measur	Length ement:	☐ Paced	(ft)x	Taped		(ft); orional estimate	entation of long ax  Other: GPS	is. east-west
	Method of Determ	ination:	Artifacts	$\boxtimes$	Features Excavation	☐ Soil		☐ Vegetation	Topography
	Reliability of Dete	_	_				visibility was	• —	
	Limitations:  Disturbances		icted access	□ Pa	ved/built ov	er Site	e limits incom	apletely defined ributed to relocation	on and/or spatial
A2. *A3. *A4.	Depth: None Human Remains: Features: There are natural crack of a paragraph was utilized in an a little polishing on a measures approximation diameter.	Present three fear partially but ortar cup is angular mother east side	nt Abse tures at the sit wried course gr 10.0 x 10.1 c otion with mode interior of the	nod of nt [re (Fea rained a min di lerately ne cup.	Determination  Possible tures F-01 to andesitic bounded in the polished fare features F	on: Unknov to F-03). Fea alder measur mortar cup in tests on the w -02 and F-03	ature F-01 is ing 60.2 x 50 is irregular as vest side inter 3 are burned a	.0 x 8.5 cm. from the polish/wear in the polish/wear in the care-cut stumps.	the ground dicates that is cup and very eature F-02
*A5.	Cultural Constituent broad scatter of obtain interior core red a perverse fracture lateral flake scars of is a transparent observed (1.3) x (2.0) x (0.6) continuation sheet	sidian and luction flak at midsect on dorsal si sidian bifac ) cm. <b>Arti</b>	CCS debitage se measuring of ion (2.2) x 1.2 ide, with microse midsection fact A-05 is a	E. Arti 5.3 x 4 2 x 0.5 oflakin with a . CGV	fact A-01 is .2 x 1.1 cm. cm. Artifact and polish hinge fractu	a CGV flake Artifact A- ct A-03 is a rapresent alorate on the dis	e tool with me  102 is a translo  103 mottled red/ye  109 one margin  101 tal end, and a	icroflaking on its nucent obsidian bifa ellow/brown CCS n 5.0 x 3.2 x 1.8 cr snap fracture on t	nargin utilizing ce fragment with flake tool with n. Artifact A-04 he proximal end
*A6.	Were Specimens C		ing descripite No	_	es				
*A7.	Site Condition:	⊠Good		□ P		bances:			
*A8.	Nearest Water:		creek (425 ft						
*A9.	Elevation:		00 m AMSL, i						
A10.	Environmental Set open meadow. Ve Pinyon Pine, mour xeric grasses, and l	getation or ntain maho	n site consists gany, snowber	of Jeff	rey Pine, lov	v and tall sag	ge, Great Basi	in wild rye, Wooll	y Mule's Ear,
A11.	Historical Informa							_	_
*A12.	Age: ☑Prehistor ☑ Post 1945 ☐	ic □ Pro ] Undetermi	points	The pre and car	chistoric con anot be dated	nponent of the d more speci		emporally diagnos it additional testing	
A13.	Interpretations: See								
A14.	Remarks: The sma activities, and the s							floral and faunal pr	rocurement
A15.	References: Cleeland, Teri (con 1984 <i>Historic A</i>	npiler) I <i>rtifact Da</i> i	ting Guide. N				•	ooratory, Flagstaff	, Arizona.
	Ferraro, Pat, and B 1966 A Bottle C Siminois, Donald		<i>Book</i> . Western	n Printi	ing & Publis	hing Compa	ny, Sparks, N	Jevada.	
A 3 6	1997 Can Guide	. USDI, Bı	ureau of Land	Manag	gement, Kin	gman Field (	Office, Kingn	nan, Arizona.	
A16.	Photographs: Original Media/Ne	egatives Ke	ept Amec l	Foster	Wheeler, 96	1 Matley Lar	ne #110 Reno	, Nevada 89502	
*A17.	at: Form Prepared by:	Jesica	Huddleston				Date	e: 9-6-2016	
	Affiliation and Ad	dress: A	Amec Foster V	Vheele	r, 961 Matle	y Lane #110	Reno, Nevad	la 89502	
DPR 523	L (1/95)						*Required In	formation	

## State of California – The Resources Agency DEPARTMENT OF PARKS AND RECREATION ARTIFACT RECORD

Primary #														
Trinomial	Sec. 30.000													-
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Page 3 of 11

Resource Name or #: JDH\_1604

Location Where Collected Specimens are Curated: N/A

Artifact #	Туре	Condition	Description (form, material, etc.)	Dimensions (cm) L W TH	Locational Data (UTM Zone 11 NAD83) Easting / Northing	Sketch/ Photo	Collected?
A-01	Flake Tool	С	CGV flake tool, microflaking on margin on interior core reduction flake	6.3 x 4.2 x 1.1 cm.	269,707 / 4,288.420	Yes	No
A-02	Biface	F	Translucent obsidian biface fragment with a perverse fracture at midsection	(2.2) x 1.2 x 0.5 cm.	269,768 / 4,288,452	Yes	No
A-03	Flake Tool	С	Mottled red/yellow/brown CCS flake tool, lateral flake scars on dorsal side on a flake blank on the ventral side, microflaking and polish on margin	5.0 x 3.2 x 1.8 cm.	269,776 / 4,288,487	No	No
A-04	Biface	F	Translucent obsidian biface midsection, hinge fracture on the distal end, snap fracture on the proximal end	(1.3) x (2.0) x (0.6) cm.	269,813 / 4,288,442	Yes	No
A-05	Core	С	CGV core with two reduction flake removals	5.0 x 2.6 x 2.1 cm.	269,844 / 4,288,365	No	No
A-06	Core	С	CGV unidirectional core with 15 % cortex	6 x 4.4 x 3.7 cm.	269,837 / 4,288,414	No	No
A-07	Metal	С	Steel w ash basin with, rolled lip, soldered lap seam, riveted handles , disintegrating	20 in. diam. top, 16 in. diam. Base, 6 in. in height	269,765 / 4,288,330	Yes	No
	Glass	F	Amber bottle glass vessel shoulder and body fragments N=3	-		No	No
	Glass	F	Olive bottle glass vessel fragments N=2	-		No	No
	Metal	F	Braided cable segment	Approx. 25 ft.		No	No
	Metal	F	Lug and bail pail, internally rolled, stamped ends, bailing wire handles, crushed, N=2	502 height		No	No
	Metal	F	Coffee pot with riveted spout, internally rolled, crimped ends, fragmentary, crushed	-		No	No
	Metal	С	Hole in Top condensed milk can with stamped ends, concentric circles, internally rolled, stamped ends, knife opened, N=3	208 x 206		No	No
	Metal	С	Large lug and bail pail with riveted handles, lap seam, crimped ends	14 in. height		No	No
	Metal	С	Sanitary can, single serve, knife opened	210 x 300		No	No
	Metal	С	UPTT, internally rolled, crimped ends, wire pin hinge, slightly crushed N=2	404 height		No	No
	Metal	С	Tall rectangular can with soldered lap seam, crimped ends, slightly crushed	404 tall x 304 wide		No	No

Type Key: (list abbreviations used)	Condition Key:
UPTT: Upright Pocket Tobacco Tin	F Fragmentary
CCS- Cryptocrystalline Silicate	
CGV – Coarse-grained volcanic	
•	C Complete
	Other:

DPR 523H (1/95)

State of California – The Resources Agency	Primary #
DEPARTMENT OF PARKS AND RECREATION	HRI#
CONTINUATION SHEET	Trinomial
Page 4of11 *Resource Name or # JDH 1604	

\*Recorded by \*Date **◯** Continuation ☐ Update

## A5. Cultural Constituents Continued:

Artifact A-06 is a CGV unidirectional core with 15% cortex (6 x 4.4 x 3.7 cm.). The assemblage of widely dispersed prehistoric artifacts are indicative of both floral and faunal procurement activities.

The historic component of the site consists of a wide scatter of debris including a steel wash basin, coffee pot, 3 lug and bail pails, 2 upright pocket tobacco tins, a segment of steel braided cable, a tall rectangular can, sanitary can, hole in top can, and amber and olive bottle glass fragments. Artifact A-07 is a steel wash basin with a rolled lip, soldered lap seam, and riveted handles. Artifact A-07 measures 20 inches in diameter at the top, 16 inches in diameter at the base, and 6 inches in height. The majority of the historic artifacts are located on the northeast portion of the site, with the exception of Artifact A-07, which is located across an open meadow at the southernmost portion of the site and may have been used for sheep herding activities. The functional attributes present on artifacts (i.e., olive bottle glass and can ends and seams) indicate that the date range for historical use of the site ranges from 1815 to present. The presence of a segment of braided steel cable and axecut stumps may be indicative of historic mining activities at the same location. It is unclear but suggestive that the historic component may represent more than one temporal use of the site.

## A13. Interpretations Continued:

The prehistoric component of the site is indicative of both floral and faunal procurement activities, and likely represents a seasonal short-term camp. This site is likely a resource procurement site and recommended Eligible for inclusion in the National Register of Historic Places under Criterion D. The site contains both milling equipment and hunting implements, including an incipient bedrock mortar and two obsidian bifaces. The presence obsidian and coarse-grained volcanic tools and debitage that can be subjected to obsidian hydration and XRF sourcing analysis allows the site to potentially address research questions concerning Chronology and Cultural Change, as well as provide insight into Lithic Technology and Procurement strategies employed during the Late Archaic. The tool assemblage present at the site indicates that a range of procurement and processing activities took place at the site, while the presence of a bedrock mortar implies that the site may have been occupied repeatedly. Both aspects have the potential to provide information on Subsistence and Settlement strategies.

The historic component of the site is recommended Not Eligible for inclusion in the National Register of Historic Places under any criteria. The site cannot be associated with any prominent event, important figure, and is not unique in construction (Not eligible under Criterion A, B, or C). The site consists of a few widely dispersed artifacts with a wide temporal range, and two axe-cut stumps. The majority of historic artifacts indicate the site was used for timber harvesting and/or pastoral animal husbandry activities, and may present some evidence of later mining activities in the area. Based on the artifact assemblage and the low potential for buried deposits the data potential has been sufficiently captured during recordation. As such, it is recommended not eligible under Criterion D.

\*Required Information DPR 523L (1/95)

State of California – The Resources Agency	Primary #
DEPARTMENT OF PARKS AND RECREATION	HRI#
PHOTOGRAPH RECORD	Trinomial

Project Name: Leviathan Mine Lens Size: 35mm Page 5of 11 Year 2016

Camera Format: DIGITAL

Film Type and Speed Digital Negatives Kept at: Amec Foster Wheeler, Reno, NV Roll #NA

Mo.	Day	Time	Exp/Frame	Subject / Description	View	Accession #
8	11		20160811_132932	Site overview of JDH_1604	NE/N	
8	11		20160811_124056	Overview of Feature F-01, Incipient Mortar	E/SE	
8	11		20160811_122739	Overview of Feature F-02, Axe-cut Tree Stump	SW	
8	11			Overview of Feature F-03, Axe-cut Tree Stump	S/SW	
8	11		20160811_094430	Detail of Artifact A-01, CGV flake tool, Side A	Plan	
8	11		20160811_101650	Detail of Artifact A-02, Obsidian biface fragment,	Plan	
				Side A		
8	11		20160811_103457	Detail of Artifact A-04, Obsidian biface fragment	Plan	

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	TINITI					

Primary # Trinomial

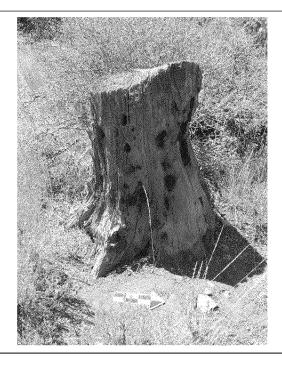
Page 6 of 11 \*Recorded by: J. Huddleston

Resource Name or #: JDH\_1604 \*Date: 8/11/16

Continuation D Update



Overview of Feature F-01, incipient mortar, view facing East/Southeast, 20160811\_124056.jpg



Overview of Feature F-02, axe-cut tree stump, view facing Southwest, 20160811\_122739.jpg

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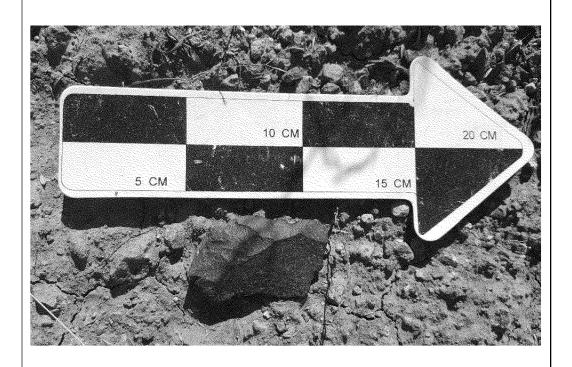
Primary # Trinomial

Page 7 of 11 \*Recorded by: J. <u>Huddleston</u> Resource Name or #: JDH\_1604 \*Date: 8/11/16

Continuation 0 Update



Overview of Feature F-03, axe-cut tree stump, view facing South/Southwest, 20160811\_121949.jpg



Detail of Artifact A-01, CGV flake tool, Side A, plan view, 20160811\_094430.jpg

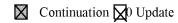
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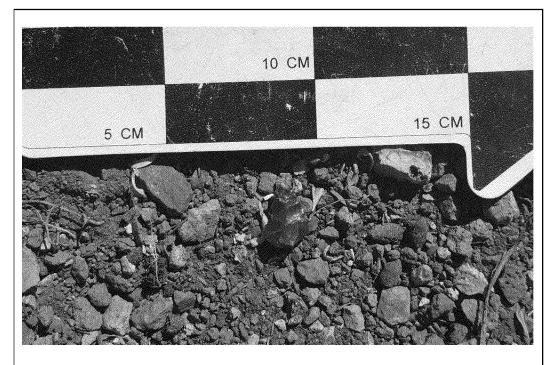
Primary # Trinomial

\*Recorded by: J. Huddleston

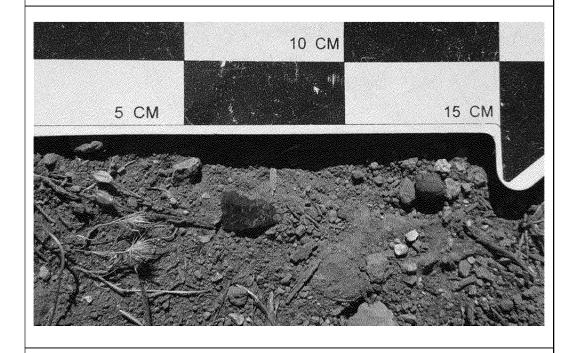
Resource Name or #: JDH\_1604

\*Date: 8/11/16





Detail of Artifact A-02, obsidian biface fragment, Side A, plan view, 20160811\_101650.jpg



Detail of Artifact A-04, obsidian biface fragment, plan view, 20160811\_103457.jpg

**CONTINUATION FORM** 

Page 9 of 11 \*Recorded by: J. Huddleston

Resource Name or #: JDH\_1604 \*Date: 8/11/16 Continuation D Update

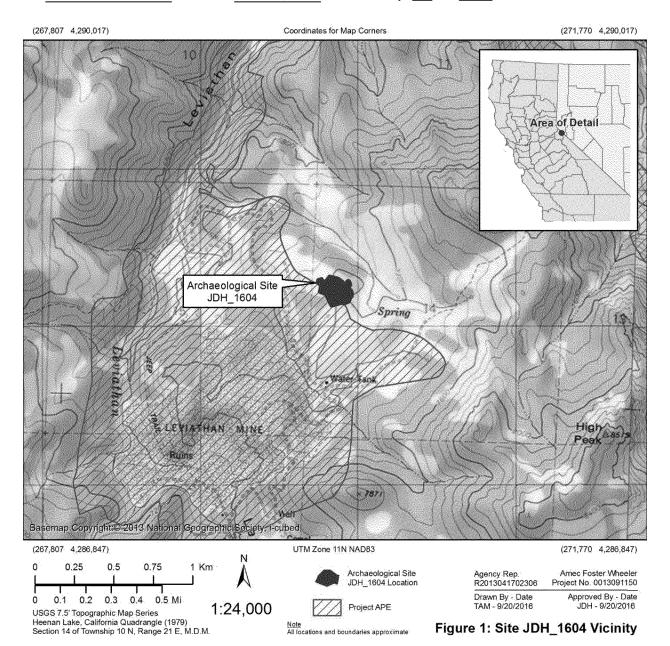


Detail of Artifact A-07, wash basin, plan view, 20160811\_132820.jpg

Primary # HRI# Trinomial

Page

\*Resource Name or #(Assigned by recorder) JDH 1604
\*Map Name: Heenan Lake \*Scale: 1:24,000 \*Date of map: \_\_\_1979\_\_\_\_



HRI# Trinomial

Page 11 of 11 \*Resource Name or #(Assigned by recorder) JDH 1604

